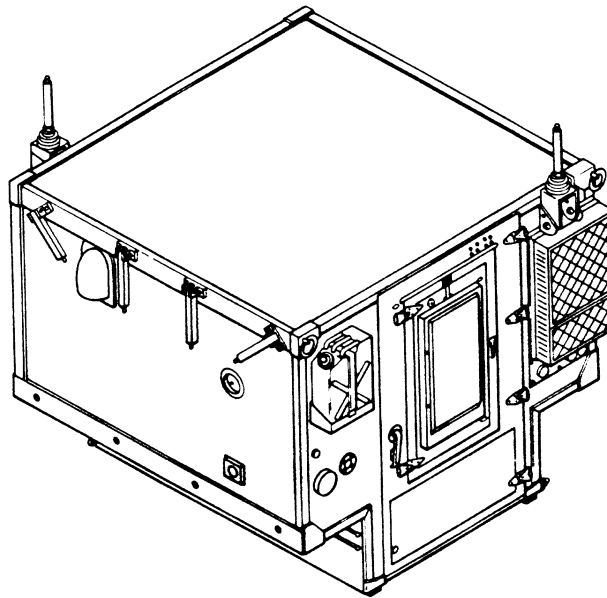


AN/GRC-122



SYSTEM IDENTIFIERS	
NOMENCLATURE:	Radio Teletypewriter Set
SSN:	N/A
LIN:	Q90100
NSN:	5815-00-167-7998
AMIM NO:	N/A
EIC:	GFA
FUEL TYPE:	-----

SYSTEM DESCRIPTION
<p>The AN/GRC-122 is a shelter-mounted radio teletypewriter set capable of receiving and transmitting SSB, CW, and compatible AM signals. The teletype equipment can operate in 850 Hz and 85 Hz modes or in 85 Hz teletype plus voice transmission/reception mode. The teletype system consists of the TT-98/FG teletypewriter, TT-76/GGC perforator/ transmitter, and a modem operating through the RT-662/GRC radio subsystem. The AN/GRC-122 allows duplex communications while its AN/GRC-142 variant does not support simultaneous transmission and reception.</p>

The list below identifies components associated with this weapon/materiel system.

AN/GRC-122

<u>LIN</u>	<u>NSN</u>	<u>NOMENCLATURE</u>
A53149	5820-00-973-3383	AMPLIFIER, POWER SUPPLY
A78151	5985-00-892-0758	ANTENNA GROUP, AN/GRA-5
K80544	6625-00-682-4464	INDICATOR STANDING WAVE
M58822	5815-00-919-4800	MODEM RADIO TELETYPEWRITER SET
P40745	6130-00-113-9768	POWER SUPPLY PP-4763/-GRC
R30662	5820-00-644-4554	RECEIVER-TRANSMITTER CONTROL GROUP
S01427	5411-00-489-6076	SHELTER NONEXPANDABLE
V31211	5805-01-217-7310	TELEPHONE SET, TA-43/PT
V36762	5815-00-503-2760	TELETYPWTR TT-76A/GGC

SYSTEM VARIANTS

<u>MDS</u>	<u>LIN</u>	<u>NSN</u>
AN/GRC-122	Q90100	5815-00-401-9719
AN/GRC-122	Q90100	5815-00-937-5295
AN/GRC-122	Q90100	5815-01-095-1211
AN/GRC-122	Q90100	5815-01-095-1212
AN/GRC-122	Q90100	5815-01-096-0428

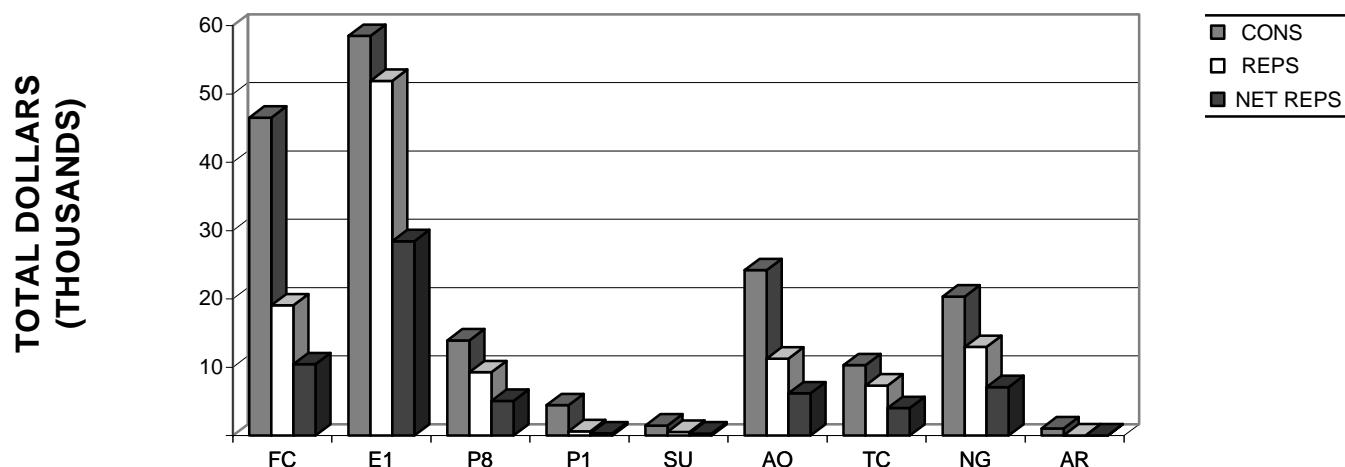
This summary provides an overview of FY 94 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analyses and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

<p align="center">AN/GRC-122</p> <p align="center">FY 94 TOTAL ARMY COST SUMMARY</p> <p align="center">(FY 94 Constant Dollars)</p>
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<div>DENSITY</div> <div>NUMBER OF SYSTEMS390</div>	<div>DEPOT END ITEM MAINTENANCE (5.061)</div> <div>TOTAL\$0</div> <div>QUANTITY COMPLETED0</div> <div>AVG COST/END ITEM\$0.00</div>																
<div>CLASS III-POL (5.05)</div> <div>NOT APPLICABLE</div>	<div>DEPOT SECONDARY ITEM MAINTENANCE</div> <div>TOTAL\$2,530</div> <div>QUANTITY COMPLETED44</div> <div>AVG COST/SECONDARY ITEM\$57.50</div>																
<div>CLASS V-AMMUNITION (2.11)</div> <div>NOT APPLICABLE</div>	<div>INTERMEDIATE MAINTENANCE</div> <table><tr><td></td><td>DS/GS</td><td>CIVILIAN</td></tr><tr><td>MIL/CIV LABOR COST</td><td>\$33,752</td><td>\$1,418</td></tr><tr><td>AVG COST/SYSTEM</td><td>\$86.54</td><td>\$3.64</td></tr><tr><td>MAINTENANCE MANHOURS</td><td>2,032</td><td>85</td></tr><tr><td>MMHs/SYSTEM</td><td>5.21</td><td>0.22</td></tr></table>		DS/GS	CIVILIAN	MIL/CIV LABOR COST	\$33,752	\$1,418	AVG COST/SYSTEM	\$86.54	\$3.64	MAINTENANCE MANHOURS	2,032	85	MMHs/SYSTEM	5.21	0.22	
	DS/GS	CIVILIAN															
MIL/CIV LABOR COST	\$33,752	\$1,418															
AVG COST/SYSTEM	\$86.54	\$3.64															
MAINTENANCE MANHOURS	2,032	85															
MMHs/SYSTEM	5.21	0.22															
<div>CLASS IX MATERIEL-PARTS (5.04/5.03)</div> <table><tr><td></td><td>FY 94</td><td>AVG COST</td></tr><tr><td></td><td>DOLLARS</td><td>PER SYSTEM</td></tr><tr><td>CONSUMABLES</td><td>\$180,805</td><td>\$463.60</td></tr><tr><td>NET REPARABLES</td><td>\$61,987</td><td>\$158.94</td></tr><tr><td>NET TOTAL COSTS</td><td>\$242,792</td><td>\$622.54</td></tr></table>				FY 94	AVG COST		DOLLARS	PER SYSTEM	CONSUMABLES	\$180,805	\$463.60	NET REPARABLES	\$61,987	\$158.94	NET TOTAL COSTS	\$242,792	\$622.54
	FY 94	AVG COST															
	DOLLARS	PER SYSTEM															
CONSUMABLES	\$180,805	\$463.60															
NET REPARABLES	\$61,987	\$158.94															
NET TOTAL COSTS	\$242,792	\$622.54															

The following graph and table display FY 94 Class IX costs for consumables (CONS), reparable, (REPS), and net reparable (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

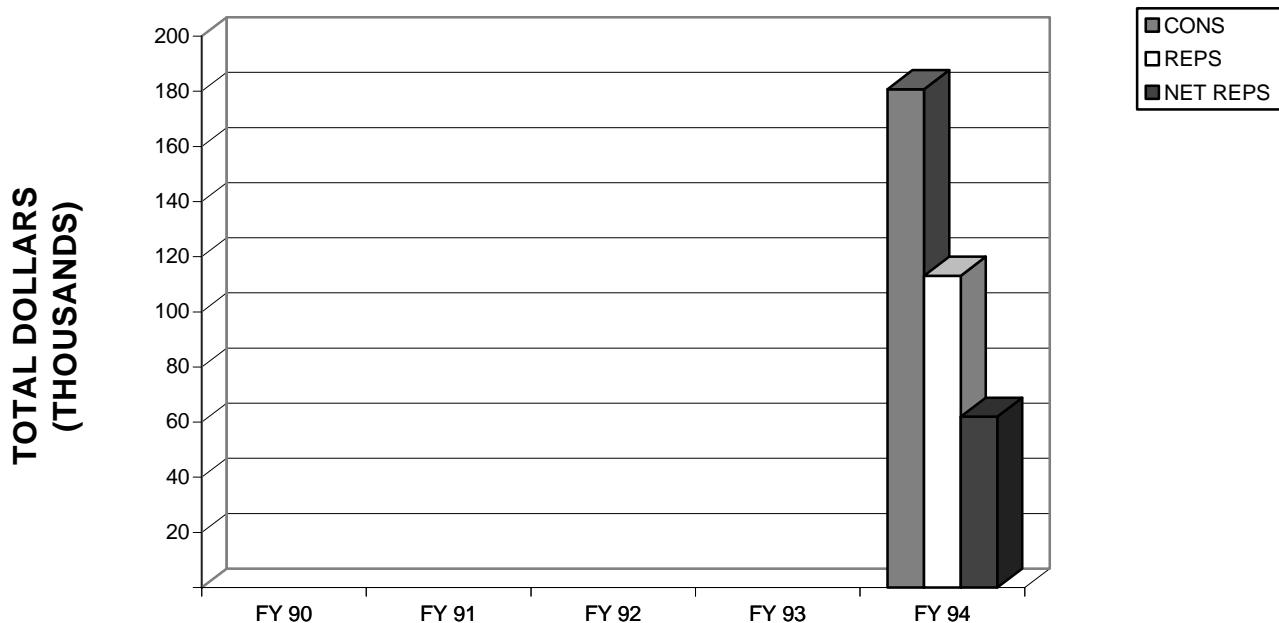
AN/GRC-122



AN/GRC-122 FY 94 MACOM CLASS IX COSTS							
MACOM		CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEM
CODE	NAME						
FC	FORSCOM	46,520	19,072	10,450	56,970	42	1,356
E1	USAREUR	58,491	51,923	28,455	86,946	40	2,174
P8	EUSA	13,932	9,276	5,082	19,014	13	1,463
P1	USARPAC	4,453	632	346	4,799	5	960
SU	USARSO	1,478	560	308	1,786	4	447
AO	USASOC	24,213	11,277	6,181	30,394	42	724
TC	TRADOC	10,319	7,349	4,028	14,347	29	495
NG	ARNG	20,348	12,981	7,114	27,462	135	203
AR	USAR	1,051	43	23	1,074	80	13
TA	TOTAL ARMY	180,805	113,113	61,987	242,792	390	623

The following graph and table display FY 90-94 Class IX costs for consumables (CONS), reparable (REPS) and net reparable (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.

AN/GRC-122



AN/GRC-122 FIVE YEAR TOTAL ARMY CLASS IX COSTS						
FISCAL YEAR	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEM
FY 90						
FY 91						
FY 92						
FY 93						
FY 94	180,805	113,113	61,987	242,792	390	623

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 94 WBS Class IX costs for consumables (CONS) and reparables (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS column by the total number of systems in the Army.

AN/GRC-122 FY 94 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS							
WBS	NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUM OF SYSTEMS	AVG PER SYSTEM
01	SENSORS	0	0	0	0	0	0
02	PROCESSING (ADPE)	0	0	0	0	0	0
03	COMMUNICATIONS	98,934	89,473	49,033	147,967	390	379
04	PERIPHERALS	888	870	477	1,365	390	4
05	ENVIRON SUPPORT	52,197	22,770	12,477	64,674	390	166
06	APPLICATIONS SFT	0	0	0	0	0	0
07	SYSTEM SOFTWARE	0	0	0	0	0	0
08	INT, ASSY, TEST, C/O	0	0	0	0	0	0
09	OTHER	28,786	0	0	28,786	390	74
	TOTAL	180,805	113,113	61,987	242,792	390	623

The following table displays FY 90-94 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/GRC-122						
FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS						
WBS	NAME	FY 90 NET TOTAL COSTS	FY 91 NET TOTAL COSTS	FY 92 NET TOTAL COSTS	FY 93 NET TOTAL COSTS	FY 94 NET TOTAL COSTS
01	SENSORS					0
02	PROCESSING (ADPE)					0
03	COMMUNICATIONS					147,967
04	PERIPHERALS					1,365
05	ENVIRON SUPPORT					64,674
06	APPLICATIONS					0
07	SYSTEM SOFTWARE					0
08	INT, ASSY, TEST, C/O					0
09	OTHER					28,786
	TOTAL					242,792
	NUM OF SYSTEMS					390
	AVG PER SYSTEM					623

AN/GRC-122
TOP 40 COST DRIVERS
CLASS IX CONSUMABLES (NON-DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE	FY 94 QTY
1.	6130012479149	INVERTER,POWER,STAT	05A	F		G21RC	988.00	25.54
2.	6130010636273	POWER SUPPLY	05A	Z		G21RJ	916.00	14.69
3.	5820007828903	SYNTHESIZER ASSY	03E	H	D	G21RC	557.00	15.52
4.	6130011211447	POWER SUPPLY	05A	Z		G21RJ	916.00	9.34
5.	5840010523855	ELECTRONIC COMPONENT	03E	H		G214B	3,633.00	2.18
6.	7240003600094	ADAPTER KIT, GRAVITY	09	Z		E2200	25.83	298.81
7.	6135010342239	BATTERY, NONRECHARG	09	Z		G22T7	43.35	123.72
8.	5820002265368	RADIO SET SUBASSEMBL	03E	H		G21RC	342.00	12.41
9.	6135001255256	BATTERY, NONRECHARG	09	Z		E2200	22.13	178.08
10.	5820009410336	AMPLIFIER SUBASSY	03E	H		G21RC	241.00	15.10
11.	5995008891061	CABLE ASY CX-4655/G	03E	Z		Q22RA	54.68	60.87
12.	5985009859024	ANTENNA	03C	O		G21RT	254.00	11.83
13.	5998008786660	CIRCUIT CARD ASSEMB	03E	H		Q21RC	335.02	8.85
14.	5995009355236	CABLE ASSEMBLY, POWE	03E	F		Q21RC	301.03	9.20
15.	5960003697460	ELECTRON TUBE	03J	Z		Q2200	183.07	14.94
16.	5820007828896	DRIVER, DELAY LINE	03E	Z		Q2200	607.54	4.37
17.	5975002245260	ROD GROUND MX-148/G	03J	Z		Q2200	23.42	95.01
18.	6130010913305	POWER SUPPLY	05A	H		G21RV	2,265.00	0.81
19.	5820002265367	CONVERTER	03E	H		G21RC	262.00	6.71
20.	5995007521362	CABLE ASY CG-692A/U	03J	Z		Q22TW	108.30	16.00
21.	6135009300030	BATTERY, NONRECHARG	09	Z		G22TJ	12.03	136.65
22.	5910012178867	CAPACITOR, VARIABLE,	03J	Z		Q2200	751.31	2.09
23.	6645004102395	CLOCK, PANEL	09	Z		E2200	19.58	77.30
24.	5820009174927	PLENUM ASSEMBLY	03E	H		G21RC	969.00	1.51
25.	5920004989442	ABSORBER, OVERVOLTAG	03J	Z		Q2200	436.06	3.00
26.	6145005426092	CABLE	09	Z		Q2200	0.12	10,856.56
27.	5960008693995	ELECTRON TUBE	03E	Z		Q22RC	215.11	6.03
28.	5820002265369	FREQUENCY DIVIDER AS	03E	H	D	G21RC	225.00	5.60
29.	5995009858005	CABLE ASSEMBLY	03J	Z		Q2200	135.69	8.99
30.	5995008232176	CABLE ASSEMBLY, RADI	03J	Z		Q2200	26.72	44.76
31.	5998001793149	CIRCUIT CARD ASSEMB	03E	H		G21RC	154.00	7.56
32.	5925002203530	CIRCUIT BREAKER	03J	Z		Q2200	53.42	20.99
33.	3895008963179	REEL, CABLE	09	Z		J2200	32.49	31.22
34.	5820001704781	CONTROL, RADIO SET	03E	H		G21RC	537.00	1.85
35.	5965000433463	HANDSET H-250/U	03A	Z		G227B	35.53	27.85
36.	5985001998831	ANTENNA ELEM MS-116	03C	Z		Q22RU	5.88	167.99
37.	5945006866877	RELAY, ELECTROMAGNET	03J	Z		Q2200	67.58	13.86
38.	6150009350257	CABLE ASSEMBLY POWER	09	Z		J2200	225.72	4.00
39.	5815010472658	PRINTER ASSEMBLY	04B	H		G215R	1,032.00	0.86
40.	5950002464524	TRANSFORMER, POWER	03E	Z		Q22RC	690.54	1.25

NUMBER OF SYSTEMS	390
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NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

AN/GRC-122
CONSUMABLES (NON-DLRs)

EXTENDED COST (QTY * UNIT PRICE)	AVERAGE COST	AVERAGE QUANTITY	FY 90-94 FIVE YEAR AVERAGE	
	PER SYSTEM	PER 100 SYSTEMS	QTY	EXTENDED COST
25,234	64.70	6.5487		
13,456	34.50	3.7667		
8,644	22.16	3.9795		
8,556	21.94	2.3949		
7,920	20.31	0.5590		
7,718	19.79	76.6179		
5,363	13.75	31.7231		
4,244	10.88	3.1821		
3,941	10.11	45.6615		
3,640	9.33	3.8718		
3,328	8.53	15.6077		
3,004	7.70	3.0333		
2,965	7.60	2.2692		
2,770	7.10	2.3590		
2,735	7.01	3.8308		
2,654	6.81	1.1205		
2,224	5.70	24.3615		
1,835	4.71	0.2077		
1,759	4.51	1.7205		
1,732	4.44	4.1026		
1,644	4.22	35.0385		
1,570	4.03	0.5359		
1,513	3.88	19.8205		
1,464	3.75	0.3872		
1,309	3.36	0.7692		
1,303	3.34	2,783.7333		
1,296	3.32	1.5462		
1,260	3.23	1.4359		
1,220	3.13	2.3051		
1,195	3.06	11.4769		
1,165	2.99	1.9385		
1,122	2.88	5.3821		
1,015	2.60	8.0051		
993	2.55	0.4744		
990	2.54	7.1410		
988	2.53	43.0744		
937	2.40	3.5538		
903	2.32	1.0256		
888	2.28	0.2205		
863	2.21	0.3205		

137,360	76.0%	TOP 40
43,445	24.0%	OTHERS
=====		
180,805		

AN/GRC-122
TOP 40 COST DRIVERS
CLASS IX REPARABLES (DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE		FY 94 QTY
							W/O CREDIT	W/CREDIT	
1.	6130010925998	INVERTER,POWER,ST.	05A	F	E	G21RE	988.00	541.42	17.02
2.	5985009897540	COUPLER,ANTENNA	03C	D		G21RC	2,109.00	1,155.73	6.62
3.	5895010928620	AMPLIFIER,ELECTRON	03E	D	C	G214B	2,796.00	1,532.21	4.28
4.	5820009248465	AMPLIFIER,RADIO FRE	03E	D		G21RC	1,387.00	760.08	7.42
5.	5985009176567	COUPLER,ANTENNA	03C	L		G21RC	2,109.00	1,155.73	3.54
6.	5815000454489	SCOPE MODULE ASSE	03J	D		G21RC	484.00	265.23	12.95
7.	5815000454490	TRANSMITTER MODUL	03A	D		G21RC	333.00	182.48	13.27
8.	5820009174932	TURRET ASSEMBLY	03E	D		G21RC	2,178.00	1,193.54	1.85
9.	6130010229701	POWER SUPPLY	05A	D		G21RJ	6,998.00	3,834.90	0.54
10.	5820002265365	TRANSLATOR, SIGNAL	03E	D	D	G21RC	337.00	184.68	7.91
11.	5820009061115	MATCHING UNIT-BASE	03E	D		G21RT	178.00	97.54	14.11
12.	5815010459448	RECEIVER,AUDIO,BFC	03B	D		G21RC	382.00	209.34	5.83
13.	6130010925947	POWER SUPPLY	05A	H	E	G214B	1,075.00	589.10	2.00
14.	5820002265439	RECEIVER, INTERMED	03B	D		G21RC	486.00	266.33	4.29
15.	5998010472652	CIRCUIT CARD ASSEM	03J	L		G215R	735.00	402.78	2.20
16.	5998010472653	CIRCUIT CARD ASSEM	03J	L		G215R	469.00	257.01	3.16
17.	5815000454487	LOOP BATTERY MODL	03J	D		G21RC	439.00	240.57	3.32
18.	5998010913457	CIRCUIT CARD ASSEM	03E	D	E	G214B	1,480.00	811.04	0.98
19.	5820002265363	DISCRIMINATOR ASSE	03E	D		G21RC	305.00	167.14	4.70
20.	5815000893965	RADIO TELETYPEWRIT	03E	D	D	G21RC	383.00	209.88	3.54
21.	5998010225832	CIRCUIT CARD ASSEM	03J	D		G21RJ	526.00	288.25	2.53
22.	5820009976200	TURRET DRIVE SUBAS	03E	D		G21RC	869.00	476.21	1.53
23.	5895010769264	CONVERTER,FREQUE	03J	D		G21RJ	9,475.00	5,192.30	0.14
24.	5998010913455	CIRCUIT CARD ASSEM	03E	D	E	G214B	373.00	204.40	2.75
25.	5999010151518	CIRCUIT CARD ASSEM	03J	D	D	G21RJ	782.00	428.54	1.20
26.	7025010416645	CONTROL MESSAGE E	04F	D		G21RJ	87,045.00	47,700.66	0.01
27.	5820007829465	DRUM ASSEMBLY	03E	D		G21RC	1,188.00	651.02	0.68
28.	5998010913456	CIRCUIT CARD ASSEM	03E	D	C	G214B	441.00	241.67	1.70
29.	5820002265366	TRANSMITTER SUBAS	03A	D		G21RC	329.00	180.29	1.90
30.	5820002265438	SYN EL F SC-DL-50274	03E	D		G21RC	556.00	304.69	1.08
31.	5998010830731	CIRCUIT CARD ASSEM	03J	L		G215R	195.00	106.86	1.84
32.	5998012678120	CIRCUIT CARD ASSEM	03J	D		G21RJ	1,366.00	748.57	0.26
33.	5998010913448	CIRCUIT CARD ASSEM	03J	D	E	G21RV	391.00	214.27	0.88
34.	5998010913454	CIRCUIT CARD ASSEM	03E	D	E	G214B	305.00	167.14	1.02
35.	5998010913458	CIRCUIT CARD ASSEM	03E	H	C	G214B	602.00	329.90	0.50
36.	5998010913447	CIRCUIT CARD ASSEM	03J	D	E	G21RV	280.00	153.44	0.94
37.	5998012475737	CIRCUIT CARD ASSEM	03J	L		G215R	537.00	294.28	0.46
38.	5998012475739	CIRCUIT CARD ASSEM	03J	L		G215R	299.00	163.85	0.79
39.	5820009174910	DRIVE ASSEMBLY,REC	03E	D		G21RC	1,130.00	619.24	0.19
40.	5995010394909	CABLE ASSEMBLY,SPI	03E	D		G21RU	655.00	358.94	0.30

NUMBER OF SYSTEMS	390
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NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

AN/GRC-122
REPARABLES (DLRs)

EXTENDED COST (W/CREDIT) (QTY * UNIT PRICE)	AVERAGE COST (W/CREDIT)	AVERAGE QUANTITY	FY 90-94 FIVE YEAR AVERAGE
	PER SYSTEM	PER 100 SYSTEMS	QTY EXTENDED COST (W/CREDIT)
9,215	23.63	4.3641	
7,651	19.62	1.6974	
6,558	16.82	1.0974	
5,640	14.46	1.9026	
4,091	10.49	0.9077	
3,434	8.81	3.3205	
2,421	6.21	3.4026	
2,208	5.66	0.4744	
2,071	5.31	0.1385	
1,462	3.75	2.0282	
1,375	3.53	3.6179	
1,221	3.13	1.4949	
1,178	3.02	0.5128	
1,143	2.93	1.1000	
886	2.27	0.5641	
812	2.08	0.8103	
799	2.05	0.8513	
795	2.04	0.2513	
786	2.02	1.2051	
743	1.91	0.9077	
730	1.87	0.6487	
728	1.87	0.3923	
727	1.86	0.0359	
562	1.44	0.7051	
514	1.32	0.3077	
477	1.22	0.0026	
442	1.13	0.1744	
412	1.06	0.4359	
343	0.88	0.4872	
329	0.84	0.2769	
197	0.51	0.4718	
195	0.50	0.0667	
189	0.48	0.2256	
170	0.44	0.2615	
166	0.43	0.1282	
144	0.37	0.2410	
135	0.35	0.1179	
131	0.34	0.2026	
118	0.30	0.0487	
108	0.28	0.0769	

61,306	98.9%	COST DRIVERS
681	1.1%	OTHERS
=====		
61,987		

The following table summarizes FY 94 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture. For reporting purposes, TRANSPORTATION costs recorded in the World Aircraft Logistics Conference (WALC)/Special Aircraft Assignment Mission (SAAM) records are shown in the OTHER maintenance category.

AN/GRC-122							
FY 94 DEPOT MAINTENANCE COSTS							
COST ELEMENTS	END ITEM MAINTENANCE				SECONDARY ITEM MAINTENANCE		
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER
CIVILIAN LABOR	0	0	0	0	173	586	0
MILITARY LABOR	0	0	0	0	0	0	0
MATERIEL	0	0	0	0	16	884	0
TRANSPORTATION	0	0	0	0			
OVERHEAD	0	0	0	0	241	618	0
CONTRACT	0	0	0	0	0	0	0
OTHER	0	0	0	0	6	6	0
TOTAL	0	0	0	0	436	2,094	0
QTY COMPLETED	0	0	0	0	2	42	0
AVG COST	0	0	0	0	218	50	0

The table below summarizes FY 94 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate (\$16.61). CIVILIAN LABOR COSTS are a summation from the source data.

AN/GRC-122					
FY 94 INTERMEDIATE MAINTENANCE COSTS					
MACOM	DS/GS LABOR HOURS	DS/GS LABOR COSTS	CIVILIAN LABOR HOURS*	CIVILIAN LABOR COSTS*	CIVILIAN LABOR COST/HOUR
FORSCOM	67	1,113	85	1,418	16.68
USAREUR	920	15,281			
EUSA	41	681			
USARPAC	67	1,113			
USARSO	8	133			
USASOC	149	2,475			
TRADOC	0	0	0	0	0.00
ARNG	769	12,773			
USAR	11	183			
TOTAL ARMY	2,032	33,752	85	1,418	16.68

*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 90-94 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 94 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. TRANSPORTATION costs are recorded in the WALC/SAAM records. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/GRC-122 FIVE YEAR DEPOT MAINTENANCE COSTS										
COST ELEMENTS	END ITEM MAINTENANCE					SECONDARY ITEM MAINTENANCE				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
CIVILIAN LABOR					0					759
MILITARY LABOR					0					0
MATERIEL					0					900
TRANSPORTATION					0					
OVERHEAD					0					859
CONTRACT					0					0
OTHER					0					12
TOTAL					0					2,530
QTY COMPLETED					0					44
AVG COST					0					58

The table below summarizes FY 90-94 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 94 constant dollars. CIVILIAN LABOR COSTS are a summation from the source data. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/GRC-122 FIVE YEAR INTERMEDIATE MAINTENANCE COSTS										
MACOM	DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENANCE (DS/GS)					CIVILIAN MAINTENANCE (CIV)				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
FORSCOM					1,113					1,418
USAREUR					15,281					
EUSA					681					
USARPAC					1,113					
USARSO					133					
USASOC					2,475					
TRADOC					0					0
ARNG					12,773					
USAR					183					
TOTAL ARMY					33,752					1,418
LABOR HRS					2,032					85
COST PER HR					16.61					16.68

The following list shows the FY 94 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the MFM. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 94 TOTAL COST TO REBUILD/OVERHAUL by FY 94 QTY COMPLETED.

AN/GRC-122					
FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS					
COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REBUILD/ OVERHAUL	FY 94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
6130-01-092-5998	INVERTER,POWER,S	988	2,094	42	50

The following list shows the FY 94 Secondary Item Maintenance - Repairs Cost Drivers recorded in MFM. AVG COST TO REPAIR is calculated by dividing the costs in FY 94 TOTAL COST TO REPAIR by FY 94 QTY COMPLETED.

AN/GRC-122					
FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS					
COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REPAIR	FY 94 QTY COMPLETED	AVG COST TO REPAIR
5820-00-906-1115	MATCHING UNIT-BA	178	436	2	218

The following list shows the FY 90-94 Secondary Item - Rebuild/Overhauls Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 90-94 TOTAL COST TO REBUILD/OVERHAUL by FY 90 -94 QTY COMPLETED.

AN/GRC-122 FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REBUILD/ OVERHAUL	FY 90-94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
6130-01-092-5998	INVERTER,POWER,S	988	2,094	42	50

The following list shows the FY 90-94 Secondary Item - Repairs Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REPAIR is calculated by dividing the costs in FY 90-94 TOTAL COST TO REPAIR by FY 90-94 QTY COMPLETED.

AN/GRC-122 FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REPAIR	FY 90-94 QTY COMPLETED	AVG COST TO REPAIR
5820-00-906-1115	MATCHING UNIT-BA	178	436	2	218

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